

WEST Search History for Application 10649198

Creation Date: 2008081110:04

| Query | DB | Op. | Plur. | Thes. | Da |
|--|------------|-----|-------|-------|--------|
| (client\$ or user\$ or browser) near2 validat\$ | USPT | OR | YES | | 08-11- |
| ((client\$ or user\$ or browser) near2 validat\$) and (interface or GUI or (text near2 input)) | USPT | OR | YES | | 08-11- |
| ((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input)) | USPT | OR | YES | | 08-11- |
| ((((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input))) and ((graphical adj interface) or GU) same (markup or html or www or web) same ((java or applet\$) near tag\$1) | USPT | OR | YES | | 08-11- |
| ((graphical adj interface) or GU) same (markup or html or www or web) same ((java or applet\$) near tag\$1) | USPT | OR | YES | | 08-11- |
| ((((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input))) and ((java or applet\$) near tag\$1) with validat\$ | USPT | OR | YES | | 08-11- |
| ((java or applet\$) near tag\$1) with validat\$ | USPT | OR | YES | | 08-11- |
| (tag\$1 near2 validat\$) | USPT | OR | YES | | 08-11- |
| (tag\$1 near2 validat\$) same ((graphical adj interface) or GU) same (markup or html or www or web) | USPT | OR | YES | | 08-11- |
| ((tag\$1 near2 validat\$)) and (((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input))) | USPT | OR | YES | | 08-11- |
| ('5732271' '6418446' '6476828' '6480860' '6480865' '6738077' '6763499' '6880129' '20020038320' '20020078255' '20020123993' '20020133809')![pn] | USPT, PGPB | | | | 08-11- |
| ((tag\$1 near2 validat\$)) and ((client\$ or user\$ or browser) near2 validat\$) | USPT | OR | YES | | 08-11- |
| 6915454.pn. | USPT | OR | YES | | 08-11- |
| ('3937925' '3956615' '4186871' '4807154' '4847785' '4949300' '4979148' '5299315' '5349657' '5388156' '5465332' '5517655' '5548340' '5550560' '5604908' '5638176' '5640449' '5664228' '5675520' '5706505' '5732256' '5732267' '5745103' '5748890' '5774670' '5793982' '5812996' '5835724' '5855020' '5878141' '5878282' '5897622' '5911068' '5918007' '5940075' '5940847' '5949300' '5953524' '5956489' '5961601' '5963952' '5983227' '5991802' '6006230' '6014637' '6014666' '6032207' '6038551' '6067578' '6072664' '6076108' '6101607' '6108717' '6115744' '6121968' '6138150' '6167524' '6178461' '6185608' '6203220' '6205480' '6212192' '6218958' '6230160' '6246422' '6247044' '6253228' '6253234' '6279151' '6286133' '6326957' '6334157' | USPT, PGPB | | | | 08-11- |

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| '6343148' '6351767' '6353447' '6354477' '6363352' '6370561' '6373841' '6397253' '6401099' '6405241' '6412008' '6430575' '6460071' '6460141' '6463442' '6480894' '6487665' '6505238' '6546516' '6557038' '6560598' '6560618' '6564251' '6591272' '6606418' '6622168' '6633416' '6725219' '6728421' '20010054020' '20020004815' '20020008703' '20020083171' '20020108102' '20020188890' '20030009476' '20030009567' '20030018827' '20030025728' '20030028565' '20030074634' '20030097639' '20040003112' '20040003139' '20040003248' '20040073873')![pn] | | | | | |
| ((('3937925' '3956615' '4186871' '4807154' '4847785' '4949300' '4979148' '5299315' '5349657' '5388156' '5465332' '5517655' '5548340' '5550560' '5604908' '5638176' '5640449' '5664228' '5675520' '5706505' '5732256' '5732267' '5745103' '5748890' '5774670' '5793982' '5812996' '5835724' '5855020' '5878141' '5878282' '5897622' '5911068' '5918007' '5940075' '5940847' '5949300' '5953524' '5956489' '5961601' '5963952' '5983227' '5991802' '6006230' '6014637' '6014666' '6032207' '6038551' '6067578' '6072664' '6076108' '6101607' '6108717' '6115744' '6121968' '6138150' '6167524' '6178461' '6185608' '6203220' '6205480' '6212192' '6218958' '6230160' '6246422' '6247044' '6253228' '6253234' '6279151' '6286133' '6326957' '6334157' '6343148' '6351767' '6353447' '6354477' '6363352' '6370561' '6373841' '6397253' '6401099' '6405241' '6412008' '6430575' '6460071' '6460141' '6463442' '6480894' '6487665' '6505238' '6546516' '6557038' '6560598' '6560618' '6564251' '6591272' '6606418' '6622168' '6633416' '6725219' '6728421' '20010054020' '20020004815' '20020008703' '20020083171' '20020108102' '20020188890' '20030009476' '20030009567' '20030018827' '20030025728' '20030028565' '20030074634' '20030097639' '20040003112' '20040003139' '20040003248' '20040073873')![pn]) and ((client\$ or user\$ or browser) near2 validat\$) | USPT | OR | YES | | 08-11- |
| 6108673.pn. | USPT | OR | YES | | 08-11- |
| (6108673.pn.) and (validat\$ same (browser or user or client)) | USPT | OR | YES | | 08-11- |
| 9888855.pn. | USPT | OR | YES | | 08-11- |
| 6073163.pn. | USPT | OR | YES | | 08-11- |
| (715/200,226,231,234,237,255,256,273,710,749,760,762,763,967)! [CCLS] | PGPB, USPT | OR | | | 08-11- |
| ((715/200,226,231,234,237,255,256,273,710,749,760,762,763,967)! [CCLS]) and (((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input))) | PGPB, USPT | OR | YES | | 08-11- |
| ((715/200,226,231,234,237,255,256,273,710,749,760,762,763,967)! [CCLS] and ((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input))) and (markup or html or www or web) | PGPB, USPT | OR | YES | | 08-11- |
| ((715/200,226,231,234,237,255,256,273,710,749,760,762,763,967)! [CCLS] | PGPB, | OR | YES | | 08-11- |

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|---|------------------------------------|----|-----|--|--------|
| and ((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input)) and (markup or html or www or web)) and ((graphical adj interface) or GU) same (text near2 input\$) | USPT | | | | |
| ((715/200,226,231,234,237,255,256,273,710,749,760,762,763,967)! [CCLS] and ((client\$ or user\$ or browser) near2 validat\$) same (interface or GUI or (text near2 input)) and (markup or html or www or web)) and ((graphical adj interface) or GU) | PGPB, USPT | OR | YES | | 08-11- |
| US-6826696-\$.DID. OR US-6449598-\$.DID. OR US-6401072-\$.DID. OR US-6385611-\$.DID. OR US-6362836-\$.DID. OR US-6334778-\$.DID. OR US-6347374-\$.DID. OR US-62952796-\$.DID. OR US-6263330-\$.DID. OR US-6253228-\$.DID. OR US-0189036-\$.DID. OR US-6178416-\$.DID. OR US-6167523-\$.DID. OR US-6141759-\$.DID. OR US-6092196-\$.DID. OR US-6073163-\$.DID. OR US-6031818-\$.DID. OR US-6018619-\$.DID. OR US-6006269-\$.DID. OR US-5996715-\$.DID. OR US-5978842-\$.DID. OR US-5974412-\$.DID. OR US-5967789-\$.DID. OR US-5960403-\$.DID. OR US-5953704-\$.DID. OR US-5915240-\$.DID. OR US-5905884-\$.DID. OR US-5903889-\$.DID. OR US-5867821-\$.DID. OR US-5857190-\$.DID. OR US-5862327-\$.DID. | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| US-5848397-\$.DID. OR US-5845255-\$.DID. OR US-5841970-\$.DID. OR US-5832488-\$.DID. OR US-5827180-\$.DID. OR US-5809476-\$.DID. OR US-5815665-\$.DID. OR US-5790785-\$.DID. OR US-5772585-\$.DID. OR US-5664109-\$.DID. OR US-5629981-\$.DID. OR US-5588148-\$.DID. OR US-5572422-\$.DID. OR US-5560008-\$.DID. OR US-5559888-\$.DID. OR US-5559885-\$.DID. OR US-0555097-\$.DID. OR US-5465082-\$.DID. OR US-5327341-\$.DID. OR US-5325294-\$.DID. OR US-5301246-\$.DID. OR US-5301105-\$.DID. OR US-0524167-\$.DID. OR US-0150409-\$.DID. OR US-5491800-\$.DID. OR US-5430875-\$.DID. OR US-5251152-\$.DID. OR US-4984272-\$.DID. OR US-4960982-\$.DID. OR US-4949251-\$.DID. OR US-0491661-\$.DID. OR US-4882474-\$.DID. OR US-4858121-\$.DID. OR US-4868376-\$.DID. OR US-4812994-\$.DID. OR US-4315309-\$.DID. | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| ((US-5848397-\$.DID. OR US-5845255-\$.DID. OR US-5841970-\$.DID. OR US-5832488-\$.DID. OR US-5827180-\$.DID. OR US-5809476-\$.DID. OR US-5815665-\$.DID. OR US-5790785-\$.DID. OR US-5772585-\$.DID. OR US-5664109-\$.DID. OR US-5629981-\$.DID. OR US-5588148-\$.DID. OR US-5572422-\$.DID. OR US-5560008-\$.DID. OR US-5559888-\$.DID. OR US-5559885-\$.DID. OR US-0555097-\$.DID. OR US-5465082-\$.DID. OR US-5327341-\$.DID. OR US-5325294-\$.DID. OR US-5301246-\$.DID. OR US-5301105-\$.DID. OR US-0524167-\$.DID. OR US-0150409-\$.DID. OR US-5491800-\$.DID. OR US-5430875-\$.DID. OR US-5251152-\$.DID. OR US-4984272-\$.DID. OR US-4960982-\$.DID. OR US-4949251-\$.DID. OR US-0491661-\$.DID. OR US-4882474-\$.DID. OR US-4858121-\$.DID. OR US-4868376-\$.DID. OR US-4812994-\$.DID. OR US-4315309-\$.DID.) or (US-6826696-\$.DID. OR US-6449598-\$.DID. OR US-6401072-\$.DID. OR US-6385611-\$.DID. OR US-6362836-\$.DID. OR US-6334778-\$.DID. OR US-6347374-\$.DID. OR US-62952796-\$.DID. OR US-6263330-\$.DID. OR US-6253228-\$.DID. OR US-0189036-\$.DID. OR US-6178416-\$.DID. OR US-6167523-\$.DID. OR US-6141759-\$.DID. OR US-6092196-\$.DID. OR US-6073163-\$.DID. OR US-6031818-\$.DID. OR US-6018619-\$.DID. OR | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |

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|--|------------------------------------|----|--|--|--------|
| US-6006269-\$.DID. OR US-5996715-\$.DID. OR US-5978842-\$.DID. OR US-5974412-\$.DID. OR US-5967789-\$.DID. OR US-5960403-\$.DID. OR US-5953704-\$.DID. OR US-5915240-\$.DID. OR US-5905884-\$.DID. OR US-5903889-\$.DID. OR US-5867821-\$.DID. OR US-5857190-\$.DID. OR US-5862327-\$.DID.) | | | | | |
| (US-5848397-\$.DID. OR US-5845255-\$.DID. OR US-5841970-\$.DID. OR US-5832488-\$.DID. OR US-5827180-\$.DID. OR US-5809476-\$.DID. OR US-5815665-\$.DID. OR US-5790785-\$.DID. OR US-5772585-\$.DID. OR US-5664109-\$.DID. OR US-5629981-\$.DID. OR US-5588148-\$.DID. OR US-5572422-\$.DID. OR US-5560008-\$.DID. OR US-5559888-\$.DID. OR US-5559885-\$.DID. OR US-0555097-\$.DID. OR US-5465082-\$.DID. OR US-5327341-\$.DID. OR US-5325294-\$.DID. OR US-5301246-\$.DID. OR US-5301105-\$.DID. OR US-0524167-\$.DID. OR US-0150409-\$.DID. OR US-5491800-\$.DID. OR US-5430875-\$.DID. OR US-5251152-\$.DID. OR US-4984272-\$.DID. OR US-4960982-\$.DID. OR US-4949251-\$.DID. OR US-0491661-\$.DID. OR US-4882474-\$.DID. OR US-4858121-\$.DID. OR US-4868376-\$.DID. OR US-4812994-\$.DID. OR US-4315309-\$.DID. or US-6826696-\$.DID. OR US-6449598-\$.DID. OR US-6401072-\$.DID. OR US-6385611-\$.DID. OR US-6362836-\$.DID. OR US-6334778-\$.DID. OR US-6347374-\$.DID. OR US-62952796-\$.DID. OR US-6263330-\$.DID. OR US-6253228-\$.DID. OR US-0189036-\$.DID. OR US-6178416-\$.DID. OR US-6167523-\$.DID. OR US-6141759-\$.DID. OR US-6092196-\$.DID. OR US-6073163-\$.DID. OR US-6031818-\$.DID. OR US-6018619-\$.DID. OR US-6006269-\$.DID. OR US-5996715-\$.DID. OR US-5978842-\$.DID. OR US-5974412-\$.DID. OR US-5967789-\$.DID. OR US-5960403-\$.DID. OR US-5953704-\$.DID. OR US-5915240-\$.DID. OR US-5905884-\$.DID. OR US-5903889-\$.DID. OR US-5867821-\$.DID. OR US-5857190-\$.DID. OR US-5862327-\$.DID.) and (validat\$ same text) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (US-5848397-\$.DID. OR US-5845255-\$.DID. OR US-5841970-\$.DID. OR US-5832488-\$.DID. OR US-5827180-\$.DID. OR US-5809476-\$.DID. OR US-5815665-\$.DID. OR US-5790785-\$.DID. OR US-5772585-\$.DID. OR US-5664109-\$.DID. OR US-5629981-\$.DID. OR US-5588148-\$.DID. OR US-5572422-\$.DID. OR US-5560008-\$.DID. OR US-5559888-\$.DID. OR US-5559885-\$.DID. OR US-0555097-\$.DID. OR US-5465082-\$.DID. OR US-5327341-\$.DID. OR US-5325294-\$.DID. OR US-5301246-\$.DID. OR US-5301105-\$.DID. OR US-0524167-\$.DID. OR US-0150409-\$.DID. OR US-5491800-\$.DID. OR US-5430875-\$.DID. OR US-5251152-\$.DID. OR US-4984272-\$.DID. OR US-4960982-\$.DID. OR US-4949251-\$.DID. OR US-0491661-\$.DID. OR US-4882474-\$.DID. OR US-4858121-\$.DID. OR US-4868376-\$.DID. OR US-4812994-\$.DID. OR US-4315309-\$.DID. or US-6826696-\$.DID. OR US-6449598-\$.DID. OR US-6401072-\$.DID. OR US-6385611-\$.DID. OR US-6362836-\$.DID. OR US-6334778-\$.DID. OR US-6347374-\$.DID. OR US-62952796-\$.DID. OR US-6263330-\$.DID. OR US-6253228-\$.DID. OR US-0189036-\$.DID. OR US-6178416-\$.DID. OR US-6167523-\$.DID. OR US-6141759-\$.DID. OR US-6092196-\$.DID. OR US-6073163-\$.DID. OR US-6031818-\$.DID. OR US-6018619-\$.DID. OR US-6006269-\$.DID. OR US-5996715-\$.DID. OR US-5978842-\$.DID. OR US-5974412-\$.DID. OR US-5967789-\$.DID. OR US-5960403-\$.DID. OR US-5953704-\$.DID. OR US-5915240-\$.DID. OR US-5905884-\$.DID. OR | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |

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|--|---|----|--|--|--------|
| US-5903889-\$.DID. OR US-5867821-\$.DID. OR US-5857190-\$.DID. OR US-5862327-\$.DID.) and (validat\$ same GUI) | | | | | |
| US-6167523-A.did. | USPT | OR | | | 08-11- |
| auto\$ same (manag\$ near2 data) same (GUI or (user adj interface)) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (auto\$ same (manag\$ near2 data) same (GUI or (user adj interface)))) and (validat\$ or format\$) with (text near2 input\$) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (auto\$ same (manag\$ near2 data) same (GUI or (user adj interface)))) and (HTML or markup or www or web\$) same ((obtain\$ or receiv\$ or request\$) near2 input\$) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (auto\$ same (manag\$ near2 data) same (GUI or (user adj interface)))) and (US-5848397-\$.DID. OR US-5845255-\$.DID. OR US-5841970-\$.DID. OR US-5832488-\$.DID. OR US-5827180-\$.DID. OR US-5809476-\$.DID. OR US-5815665-\$.DID. OR US-5790785-\$.DID. OR US-5772585-\$.DID. OR US-5664109-\$.DID. OR US-5629981-\$.DID. OR US-5588148-\$.DID. OR US-5572422-\$.DID. OR US-5560008-\$.DID. OR US-5559888-\$.DID. OR US-5559885-\$.DID. OR US-0555097-\$.DID. OR US-5465082-\$.DID. OR US-5327341-\$.DID. OR US-5325294-\$.DID. OR US-5301246-\$.DID. OR US-5301105-\$.DID. OR US-0524167-\$.DID. OR US-0150409-\$.DID. OR US-5491800-\$.DID. OR US-5430875-\$.DID. OR US-5251152-\$.DID. OR US-4984272-\$.DID. OR US-4960982-\$.DID. OR US-4949251-\$.DID. OR US-0491661-\$.DID. OR US-4882474-\$.DID. OR US-4858121-\$.DID. OR US-4868376-\$.DID. OR US-4812994-\$.DID. OR US-4315309-\$.DID. or US-6826696-\$.DID. OR US-6449598-\$.DID. OR US-6401072-\$.DID. OR US-6385611-\$.DID. OR US-6362836-\$.DID. OR US-6334778-\$.DID. OR US-6347374-\$.DID. OR US-62952796-\$.DID. OR US-6263330-\$.DID. OR US-6253228-\$.DID. OR US-0189036-\$.DID. OR US-6178416-\$.DID. OR US-6167523-\$.DID. OR US-6141759-\$.DID. OR US-6092196-\$.DID. OR US-6073163-\$.DID. OR US-6031818-\$.DID. OR US-6018619-\$.DID. OR US-6006269-\$.DID. OR US-5996715-\$.DID. OR US-5978842-\$.DID. OR US-5974412-\$.DID. OR US-5967789-\$.DID. OR US-5960403-\$.DID. OR US-5953704-\$.DID. OR US-5915240-\$.DID. OR US-5905884-\$.DID. OR US-5903889-\$.DID. OR US-5867821-\$.DID. OR US-5857190-\$.DID. OR US-5862327-\$.DID.) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (HTML or markup or www or web\$) same validat\$ same input\$ | PGPB, | OR | | | 08-11- |

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|---|---|----|--|--|--------|
| | USPT, EPAB, JPAB, DWPI, TDBD | | | | |
| ((HTML or markup or www or web\$) same validat\$ same input\$) and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$)) and (GUI or (user adj interface)) same validat\$ same input\$ | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (715/513).ccls. | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| 715/(526,531).ccls. | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (709/203).ccls. | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| 715/(700,760,861).ccls. | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (715/(700,760,861).ccls.) or ((709/203).ccls.) or (715/(526,531).ccls.) or ((715/513).ccls.) | PGPB, USPT, EPAB, JPAB, DWPI, | OR | | | 08-11- |

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|--|------------------------------------|----|--|--|--------|
| | TDBD | | | | |
| (715/(700,760,861).ccls. or (709/203).ccls. or 715/(526,531).ccls. or (715/513).ccls.) and (GUI or (user adj interface)) same validat\$ same input\$ | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (715/(700,760,861).ccls. or (709/203).ccls. or 715/(526,531).ccls. or (715/513).ccls.) and (GUI or (user adj interface)) same validat\$ same input\$ same ((click\$ or chang\$) near3 (attribute\$1 or element\$1)) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (715/(700,760,861).ccls. or (709/203).ccls. or 715/(526,531).ccls. or (715/513).ccls. and (GUI or (user adj interface)) same validat\$ same input\$) and (COM or (Component adj Object adj Model)) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (715/(700,760,861).ccls. or (709/203).ccls. or 715/(526,531).ccls. or (715/513).ccls.) and ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (GUI or (user adj interface)) same validat\$ same input\$) | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (715/(700,760,861).ccls. or (709/203).ccls. or 715/(526,531).ccls. or (715/513).ccls. and (HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (GUI or (user adj interface)) same validat\$ same input\$) and @pd > 20050820 | PGPB, USPT, EPAB, JPAB, DWPI, TDBD | OR | | | 08-11- |
| (6,826,696 6,449,598 6,401,072 6,385,611 6,362,836 6,334,778 6,347,374 6,2952,796 6,263,330 6,253,228 6,189,036 6,178,416 6,167,523 6,141,759 6,112,183 6,092,196 6,073,163 6,073,106 6,070,160 6,031,818 6,018,619 6,006,269 5,996,715 5,978,842 5,974,412 5,967,789 5,960,403 5,953,704 5,915,240 5,905,884 5,903,889 5,867,821 5,857,190 5,862,327).pn. | USPT | OR | | | 08-11- |
| (5,848,397 5,845,255 5,841,970 5,832,488 5,827,180 5,809,476 5,815,665 5,790,785 5,772,585 5,664,207 5,664,109 5,629,981 5,588,148 5,572,422 5,560,008 5,559,888 5,559,885 5,550,971 5,465,082 5,327,341 5,325,294 5,301,246 5,301,105 5,241,671 5,150,409 5,491,800 5,430,875 5,251,152 4,984,272 4,960,982 4,949,251 4,916,611 4,882,474 4,858,121 4,868,376 4,812,994 4,315,309).pn | USPT | OR | | | 08-11- |
| (5,848,397 or 5,845,255 or 5,841,970 or 5,832,488 or 5,827,180 or 5,809,476 or 5,815,665 or 5,790,785 or 5,772,585 or 5,664,207 or 5,664,109 or 5,629,981 or 5,588,148 or 5,572,422 or 5,560,008 or 5,559,888 or | USPT | OR | | | 08-11- |

| | | | | | |
|---|------|----|--|--|--------|
| 5,559,885 or 5,550,971 or 5,465,082 or 5,327,341 or 5,325,294 or 5,301,246 or 5,301,105 or 5,241,671 or 5,150,409 or 5,491,800 or 5,430,875 or 5,251,152 or 4,984,272 or 4,960,982 or 4,949,251 or 4,916,611 or 4,882,474 or 4,858,121 or 4,868,376 or 4,812,994 or 4,315,309).pn | | | | | |
| (5,857,190 5,491,800 5,430,875 6,018,619 6,347,374 5,251,152).pn. | USPT | OR | | | 08-11- |
| ((5,857,190 5,491,800 5,430,875 6,018,619 6,347,374 5,251,152).pn.) or ((6,826,696 6,449,598 6,401,072 6,385,611 6,362,836 6,334,778 6,347,374 6,2952,796 6,263,330 6,253,228 6,189,036 6,178,416 6,167,523 6,141,759 6,112,183 6,092,196 6,073,163 6,073,106 6,070,160 6,031,818 6,018,619 6,006,269 5,996,715 5,978,842 5,974,412 5,967,789 5,960,403 5,953,704 5,915,240 5,905,884 5,903,889 5,867,821 5,857,190 5,862,327).pn.) | USPT | OR | | | 08-11- |
| ((5,857,190 5,491,800 5,430,875 6,018,619 6,347,374 5,251,152).pn. or (6,826,696 6,449,598 6,401,072 6,385,611 6,362,836 6,334,778 6,347,374 6,2952,796 6,263,330 6,253,228 6,189,036 6,178,416 6,167,523 6,141,759 6,112,183 6,092,196 6,073,163 6,073,106 6,070,160 6,031,818 6,018,619 6,006,269 5,996,715 5,978,842 5,974,412 5,967,789 5,960,403 5,953,704 5,915,240 5,905,884 5,903,889 5,867,821 5,857,190 5,862,327).pn.) and (GUI or (user adj interface)) | USPT | OR | | | 08-11- |
| ((5,857,190 5,491,800 5,430,875 6,018,619 6,347,374 5,251,152).pn. or (6,826,696 6,449,598 6,401,072 6,385,611 6,362,836 6,334,778 6,347,374 6,2952,796 6,263,330 6,253,228 6,189,036 6,178,416 6,167,523 6,141,759 6,112,183 6,092,196 6,073,163 6,073,106 6,070,160 6,031,818 6,018,619 6,006,269 5,996,715 5,978,842 5,974,412 5,967,789 5,960,403 5,953,704 5,915,240 5,905,884 5,903,889 5,867,821 5,857,190 5,862,327).pn. and (GUI or (user adj interface))) and instantiat\$ | USPT | OR | | | 08-11- |
| ((5,848,397 or 5,845,255 or 5,841,970 or 5,832,488 or 5,827,180 or 5,809,476 or 5,815,665 or 5,790,785 or 5,772,585 or 5,664,207 or 5,664,109 or 5,629,981 or 5,588,148 or 5,572,422 or 5,560,008 or 5,559,888 or 5,559,885 or 5,550,971 or 5,465,082 or 5,327,341 or 5,325,294 or 5,301,246 or 5,301,105 or 5,241,671 or 5,150,409 or 5,491,800 or 5,430,875 or 5,251,152 or 4,984,272 or 4,960,982 or 4,949,251 or 4,916,611 or 4,882,474 or 4,858,121 or 4,868,376 or 4,812,994 or 4,315,309).pn) and (GUI or (user adj interface)) | USPT | OR | | | 08-11- |
| ((5,848,397 or 5,845,255 or 5,841,970 or 5,832,488 or 5,827,180 or 5,809,476 or 5,815,665 or 5,790,785 or 5,772,585 or 5,664,207 or 5,664,109 or 5,629,981 or 5,588,148 or 5,572,422 or 5,560,008 or 5,559,888 or 5,559,885 or 5,550,971 or 5,465,082 or 5,327,341 or 5,325,294 or 5,301,246 or 5,301,105 or 5,241,671 or 5,150,409 or 5,491,800 or 5,430,875 or 5,251,152 or 4,984,272 or 4,960,982 or 4,949,251 or 4,916,611 or 4,882,474 or 4,858,121 or 4,868,376 or 4,812,994 or 4,315,309).pn and (GUI or (user adj interface))) and (instantiat\$ same (GUI or (user adj interface))) | USPT | OR | | | 08-11- |
| ((5,848,397 or 5,845,255 or 5,841,970 or 5,832,488 or 5,827,180 or 5,809,476 or 5,815,665 or 5,790,785 or 5,772,585 or 5,664,207 or 5,664,109 or 5,629,981 or 5,588,148 or 5,572,422 or 5,560,008 or 5,559,888 or 5,559,885 or 5,550,971 or 5,465,082 or 5,327,341 or 5,325,294 or 5,301,246 or 5,301,105 or 5,241,671 or 5,150,409 or 5,491,800 or 5,430,875 or | USPT | OR | | | 08-11- |

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|--|------------|----|-----|--|--------|
| 5,251,152 or 4,984,272 or 4,960,982 or 4,949,251 or 4,916,611 or 4,882,474 or 4,858,121 or 4,868,376 or 4,812,994 or 4,315,309).pn and (GUI or (user adj interface)) and (instantiat\$ same (GUI or (user adj interface)))) and validat\$ | | | | | |
| ((instantiat\$ same (GUI or (user adj interface))) | PGPB, USPT | OR | | | 08-11- |
| ((instantiat\$ same (GUI or (user adj interface)))) and (validat\$ same (markup adj language)) | PGPB, USPT | OR | | | 08-11- |
| ((instantiat\$ same (GUI or (user adj interface))) and (validat\$ same (markup adj language))) and Java\$ | PGPB, USPT | OR | | | 08-11- |
| ((instantiat\$ same (GUI or (user adj interface))) and (validat\$ same (markup adj language)) and Java\$) and (COM or (Component adj Object adj Model)) | PGPB, USPT | OR | | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$)) and ((instantiat\$ same (GUI or (user adj interface)))) | PGPB, USPT | OR | | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (instantiat\$ same (GUI or (user adj interface)))) and ((instantiat\$ same (GUI or (user adj interface))) and (validat\$ same (markup adj language)) and Java\$ and (COM or (Component adj Object adj Model))) | PGPB, USPT | OR | | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (instantiat\$ same (GUI or (user adj interface))) and (instantiat\$ same (GUI or (user adj interface))) and (validat\$ same (markup adj language)) and Java\$ and (COM or (Component adj Object adj Model))) and @pd > 20070210 | PGPB, USPT | OR | | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$)) and ((client\$ or user\$ or browser) near2 validat\$) | PGPB, USPT | OR | YES | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (client\$ or user\$ or browser) near2 validat\$) and ((client\$ or user\$ or browser) near2 validat\$) | PGPB, USPT | OR | YES | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (client\$ or user\$ or browser) near2 validat\$ and ((client\$ or user\$ or browser) near2 validat\$)) and ((java or applet\$) near tag\$1) with validat\$ | PGPB, USPT | OR | YES | | 08-11- |
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (client\$ or user\$ or browser) near2 validat\$ and ((client\$ or user\$ or browser) near2 validat\$)) and (text near2 input\$) with (GUI or (user adj interface)) with validat\$ | PGPB, USPT | OR | YES | | 08-11- |

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|--|---------------|----|-----|--|--------|
| ((HTML or markup or www or web\$) same validat\$ same input\$ and (COM or (Component adj Object adj Model)) or (dynamic\$ near2 interact\$) and (client\$ or user\$ or browser) near2 validat\$ and ((client\$ or user\$ or browser) near2 validat\$)) and (validat\$ same (text near2 input\$) same ((client\$ or user\$ or browser))) | PGPB, USPT | OR | YES | | 08-11- |
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